POLAROID DTF

FILM Printer

Site Preparation

To help you make better use of this printer, we recommend following the steps in installation, basic operations, and safety precautions.
Please read this user guide carefully before using the device for the first time, and keep this document in an accessible place for future reference.
If you encounter any issues or have any questions during installation, consult this manual for assistance or reach out to your sales representative.

1. Printer Location Selection

Before unpacking the printer, first choose a suitable area to place your equipment. This environment must meet the following requirements:
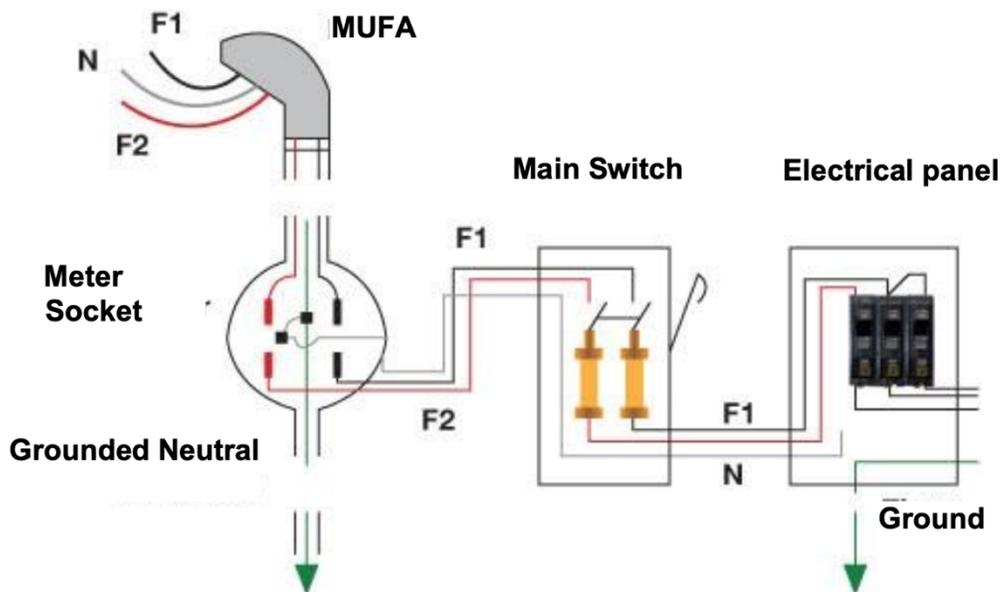
1. The floor should be flat. Avoid placing it in an area that contains corrosive gases or liquids, preventing exposure to water droplets, steam, oily dust, flammable or explosive gases, floating dust particles, and metal.
2. The power supply is 220V±10%/50HZ, avoiding the same power source as other high-power appliances or devices prone to interference, to maintain a stable power supply.
3. The installation should have 2 phases, 1 neutral line, and 1 grounding line with a protection switch of over 40A. The approximate consumption is 3.5KW.
4. The grounding rod must be installed 5 feet (1.5 meters) below ground. It should be as close as possible to the printer, and if necessary, saline preparation should be used.
5. If the customer requires a UPS (Uninterruptible Power Supply) system, consider a 4KVA unit with Input/Output of 220V, Regulation Range: +/-15% at Input, +/-3% at Output.
6. Avoid proximity to heat sources, static electricity, and strong magnetism to prevent interference with data transmission to the printer.

7. The ambient temperature should range between 41°F and 104°F, with an ideal value of 73°F.
8. The ambient humidity should range between 1%-75%, with an ideal value of 18%.
9. Avoid direct sunlight as it affects the lifespan of your equipment.

2. Electrical Requirements
The power supply requires a 220V AC circuit, consisting of two 110V AC phases or a single 220V line, depending on the local electrical supply, along with a neutral line and a grounding line.

• **The printer's power supply requires:**
A bi-phase voltage regulator with Input and Output of 220V AC, 2 lines, grounding, and neutral, with a capacity of 4 KVA 20 A. This must be connected to a load center with a 45 A circuit breaker.
The printer is connected to the output of the regulator, either through a terminal block or standard outlets. See the attached image for reference.

The machine comes from the factory with NEMA 10-50 type plugs.

In case there are no outlets for this type of plug in your area, you will need an industrial-type 16-amp NEMA 6-50 plug, which must be ready at the time of installation.

The electrical installation must be ready at the time of the equipment installation.

The power connections for the printer are located at the rear, both on the left and right sides, so the customer should ensure that the electrical outlets are as close as possible to the equipment, with a recommended distance of 2 meters (6.5 feet).

*The position of the power outlets may vary without prior notice from the manufacturer.

2. Operating Instructions

• This equipment is a precision instrument and must be protected from strong vibrations and collisions during transport.
• Handling should only be done with the support of a forklift or specialized tools.
• Handle with care and follow the instructions on the outer packaging.
• When unpacking the outer packaging, the operator must wear protective gear at all times, including gloves and safety footwear.

2. Installation Space

You need 10 feet of space around the machine for installation, so the installation area must be at least 13.1 feet (length) x 6.6 feet (width) x 8.2 feet (height).

2. Computer Requirements
• Intel Core i9/AMD Ryzen processor
     • Windows 10 64-bit Professional version
     • Processor with a speed of 5 GHz
     • USB 3.0 ports
     • At least 16 GB of DDR4 RAM
     • Hard drive with a minimum of 500 GB
     • 1 GB Ethernet 10/100/1000

3. Minimum Operator Knowledge
To ensure the proper functioning of your printer, we suggest that the operator has knowledge of:

- Illustrator/Photoshop/Corel Draw.

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